

# *Driving Innovation Through Leadership: A Woman's Perspective*

*“Nothing’s Changed -  
Everything’s Changed”*

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Research Business Group

U.S. Army Tank Automotive Research Development and Engineering Center

Society of Automotive Engineers (SAE) - Land Sea Air

Women's Engineering Committee (WEC) Technical Session

Tuesday, April 4, 2006

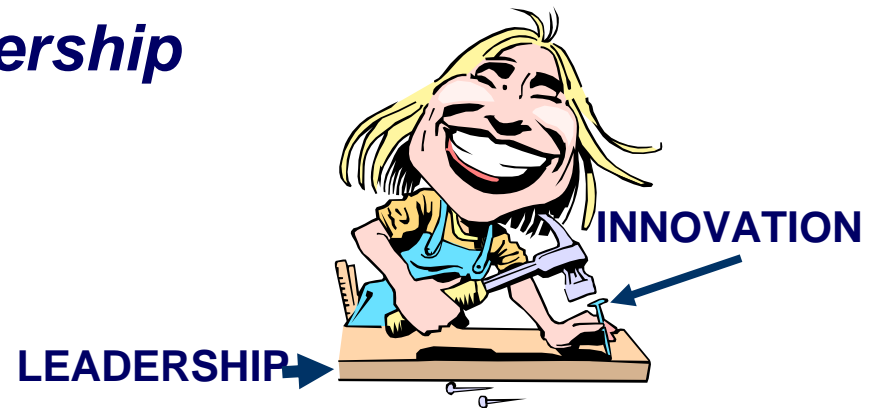
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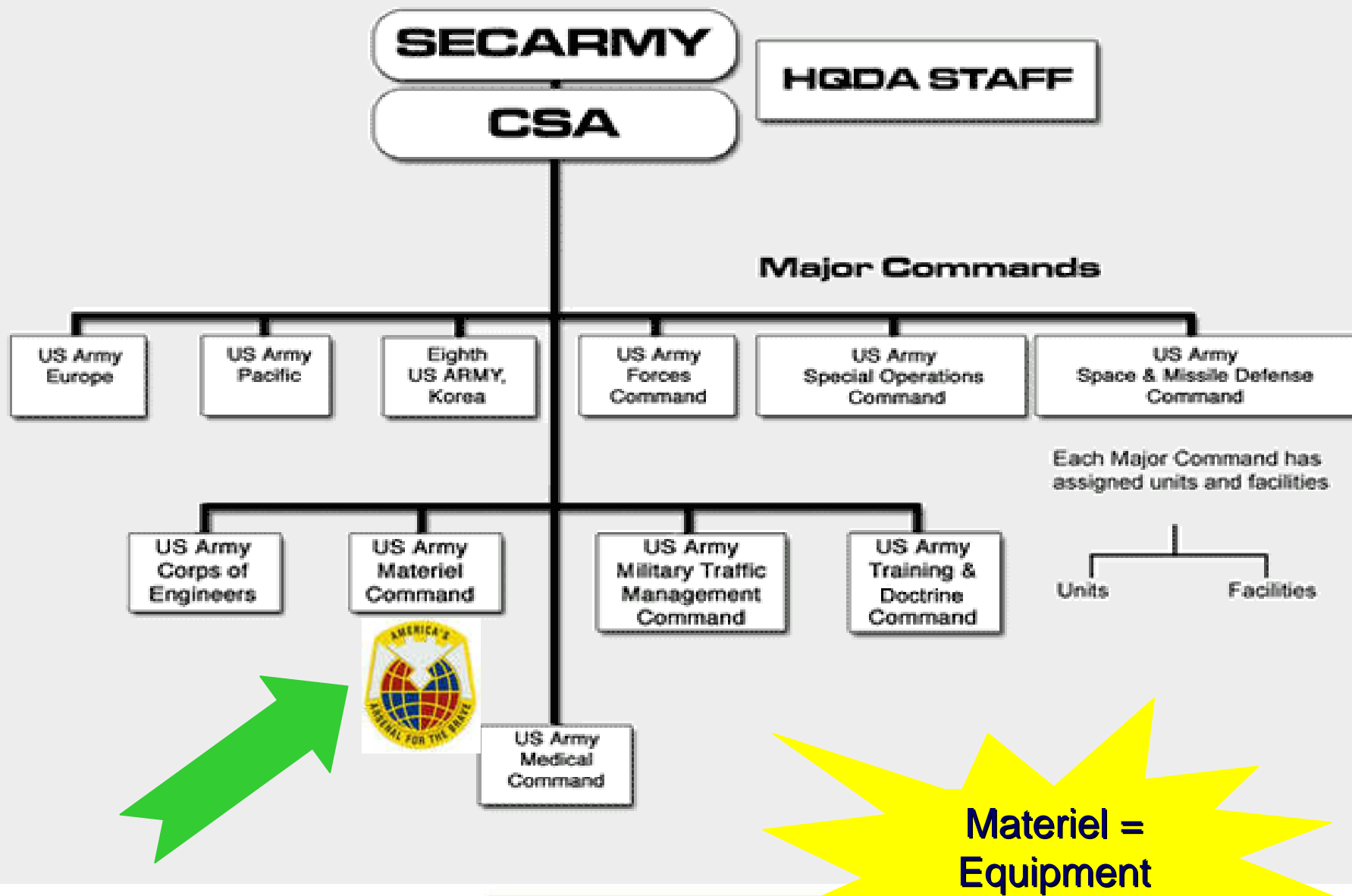
## *Driving Innovation Through Leadership*



## *Driving Innovation Through Leadership*



## *Driving Innovation Through Leadership!*





# U.S. Army Materiel Command

U.S. Army  
Aviation and  
Missile  
Command

U.S. Army  
Chemical  
Materials  
Agency

U.S. Army  
Communications  
Electronics  
Command

U.S. Army  
Field Support  
Command

U.S. Army  
Security  
Assistance  
Command

U.S. Army  
Tank-  
automotive &  
Armaments  
Command



All Army  
RD&E



# RDECOM

Technology to the Warfighter Quicker

Research, Development & Engineering Command

U.S. Army Aviation & Missile Research, Development & Engineering Center

Aviation Applied Technology Directorate

U.S. Army Materiel Systems Analysis Activity

U.S. Army Armaments Research, Development & Engineering Center

**U.S. Army Tank Automotive Research, Development & Engineering Center**

U.S. Army Communication-Electronics Research Development & Engineering Center

U.S. Army Edgewood Chemical Biological Center

U.S. Army Material Command Field Assistance in Science & Technology

U.S. Army RDE Command International Cooperative Programs Activity

U.S. Army Research Laboratory

U.S. Army Research Office

U.S. Army Research Office-Washington

U.S. Army Natick Soldier Center

Systems of Systems Integration

=



**Ground  
Vehicles**

# *Driving Innovation Through Leadership*

## *Nothing's Changed*

- Join the Team
- Work hard
- *You're NOT on the Team\**



*\*Games Mother Never Taught You*

*Betty Lehan Harragan (1978)*

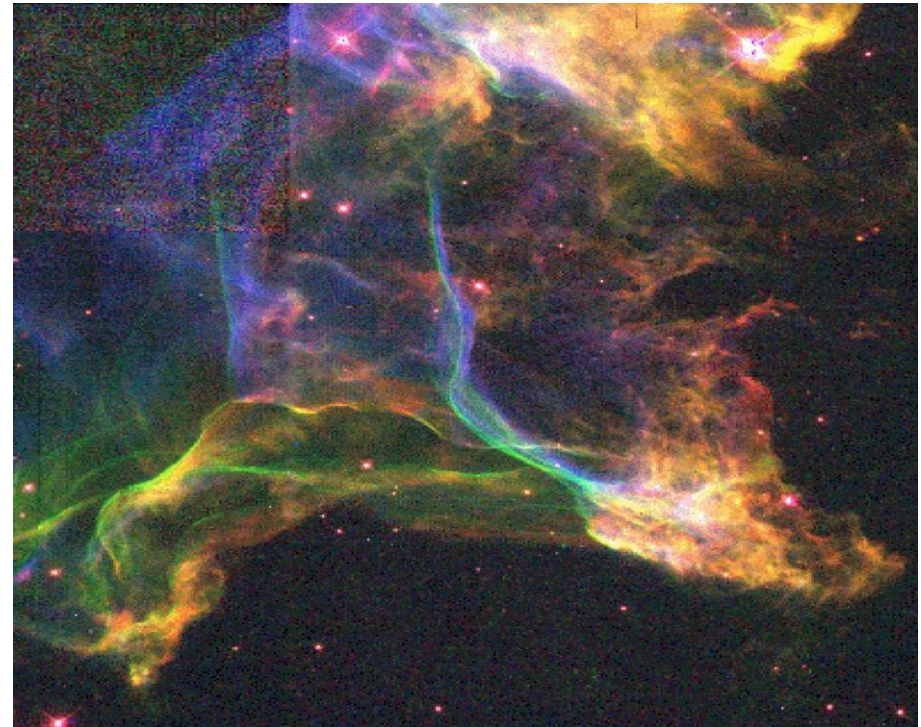
# *Driving Innovation Through Leadership*

## *Everything's Changed*

- It's the *Learning Organization*\* that drives innovation
- Competence
  - Personal Mastery
  - Mental models
  - Building shared vision
  - Team learning
  - Systems Thinking
- *One competent woman can positively influence her organization*

\*The Fifth Discipline: The Art & Practice of The Learning Organization

Peter M. Senge (1<sup>st</sup> Edition, 1994)

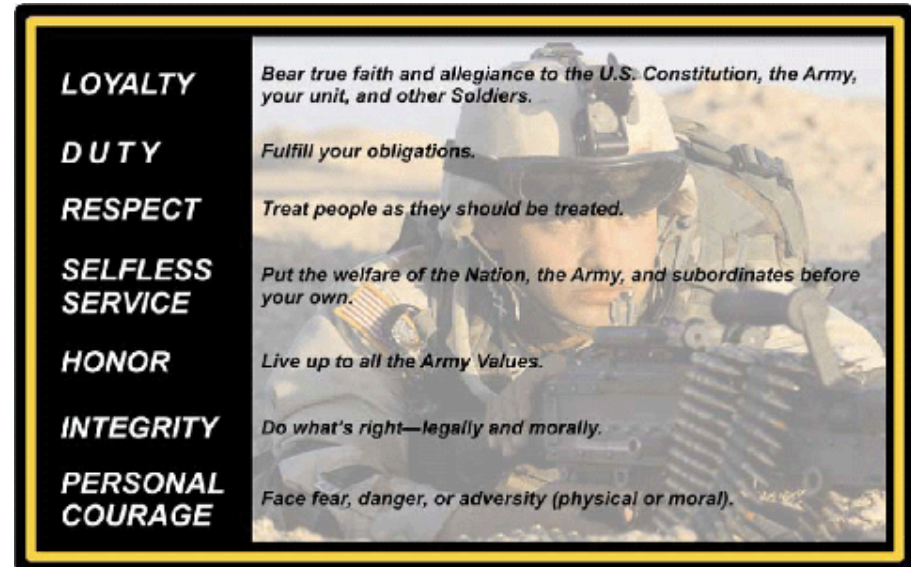


*Stellar Shockwave Hubble's Wide Field and Planetary Camera 2 (WFPC2)*

# Driving Innovation Through **Leadership**

## *The Army Values: Competence AND CHARACTER*

- Leaders ***can*** be trained\*
- Competence  
AND
- ***CHARACTER***



*"Moral courage is the most valuable and usually the most absent characteristic in men."*  
**General George S. Patton, Jr**

*\*Leadership Education and Development (LEAD)  
 Center for Army Leadership  
 U.S. Army Command and General Staff College  
 Fort Leavenworth, Kansas FY05*

# Driving Innovation Through **Leadership!**

*“Your peer group determines your next success.”*

*LTC Mike Cannon to Great Lakes Chapter  
Federally Employed Women (FEW) 1995*

- Professional Associations and Networking
- Courage isn't enough –  
*The Shannon Faulkner Story*
- Without a peer group, your  
LEADERSHIP is *limited*



*Image from CNN U.S. News Year in Review 1995*

# Recommended Reading

- Games Mother Never Taught You  
Betty Lehan Harragan (1978)
- The Fifth Discipline: The Art & Practice of The Learning Organization  
Peter M. Senge (1st Edition, 1994)  
Also <http://www.infed.org/thinkers/senge.htm>
- Leadership Education and Development (LEAD)  
Center for Army Leadership  
U.S. Army Command and General Staff College  
Fort Leavenworth, Kansas FY05
- Field Manual (FM 1) The Army (June 2005)  
<http://www.army.mil/fm1/index.html>
- Federally Employed Women (FEW) [www.few.org](http://www.few.org)

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***Public Service is a Public Trust***

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